

AMENDMENTS TO THE CLAIMS

Claims 1-6 (Canceled).

Claim 7 (Previously Presented): A complex material composed of crystalline superfine particles having a grain size in the range from 5 nm to 100 nm and the surface thereof is covered by surfactant and another material, and emitting light depending upon the time-rate-of-change of a stress applied thereto,

wherein the crystalline superfine particle has a composition expressed by the general formula  $A_xB_yO_z$  where

$$0.8 \leq x \leq 1.1$$

$$1.8 \leq y \leq 2.2$$

$$\{(2x+3y)/2\} - 0.2 < z < \{(2x+3y)/2\} + 0.2$$

$$A = Sr_k Ba_j Ca_m Mg_n \quad (0 \leq k, l, m, n \leq 1, k+l+m+n = 1)$$

$$B = Al_{1-p} D_p \quad (0 \leq p < 1)$$

$$D = Y_q Ga_r In_t \quad (0 \leq q, r, t \leq 1, q+r+t = 1)$$

wherein a rare earth element or a transition metal element is added by 0.2 mol or less in total relative to 1 mol of  $A_xB_yO_z$ ,

wherein weight percent of the crystalline superfine particles is from 30% to 80%.

Claim 8 (Previously Presented): The complex material according to claim 7 wherein said another material is a transparent material.

Claim 9 (Previously Presented): The complex material according to claim 7 wherein said another material is a resin.

Claim 10 (Original): The complex material according to claim 9 wherein the resin is a photo-curing resin.

Claim 11 (Previously Presented): The complex material according to claim 7 wherein said another material is glass.

Claim 12 (Previously Presented): The complex material according to claim 7 wherein said another material is a liquid.

Claim 13 (Previously Presented): The complex material according to claim 7 wherein the crystalline superfine particles discretely disperse in said another material.

Claim 14 (Previously Presented): The complex material according to claim 7 wherein, even when the crystalline superfine particles dispersed in said another material form aggregates, maximum size of each aggregate is 100 nm.

Claims 15 - 33 (Canceled).

Claim 34 (Previously Presented): A complex material composed of crystalline superfine particles having a grain size in the range from 5 nm to 100 nm and the surface thereof is covered by surfactant and another material, and emitting light depending upon the time-rate-of-change of a stress applied thereto,

wherein Young's modulus of the complex material is 0.0001 MPa or more.

Claim 35 (Previously Presented): The complex material according to claim 34, wherein the Young's modulus of the complex material is 10 MPa or more.

Claim 36 (Previously Presented): The complex material according to claim 34, wherein the crystalline superfine particle has a composition expressed by the general formula  $A_xB_yO_z$  where

$$0.8 \leq x \leq 1.1$$

$$1.8 \leq y \leq 2.2$$

$$\{(2x+3y)/2\} - 0.2 < z < \{(2x+3y)/2\} + 0.2$$

$$A = Sr_k Ba_l Ca_m Mg_n \quad (0 \leq k, l, m, n \leq 1, k+l+m+n=1)$$

$$B = Al_{1-p} D_p \quad (0 \leq p < 1)$$

$$D = Y_q Ga_r In_t \quad (0 \leq q, r, t \leq 1, q+r+t=1)$$

wherein a rare earth element or a transition metal element is added by 0.2 mol or less in total relative to 1 mol of  $A_xB_yO_z$ ,

wherein the crystalline superfine particles discretely disperse in said another material.

Claim 37 (Previously Presented): The complex material according to claim 7 wherein said another material is an elastic material.

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Reply to Office Action of June 1, 2006

SUPPORT FOR THE AMENDMENTS

Claims 1-6 and 15 were previously canceled.

Claims 16-33 are canceled herein.

No new matter has been added by the present amendment.